

ABSTRACT OF THE DISCLOSURE

A disc having grooves and pits with different depths according to

$$\lambda/8n \leq d_3 \leq \lambda/5n$$

where d_3 is a difference in depths between the grooves and the pits, λ is the wavelength of a light source, and n is the refractive index of the disc. A disc having grooves and pits with different depths can be manufactured without etching by using at least two stampers. Manufacturing a master by depositing photoresist over a glass master, forming a first land region and a second land region having different depths by laser cutting with laser beams having different power levels. Stamping a father stamper having a groove region and a pit region from the master, the shape of the father stamper inverse of the master. Stamping a mother stamper from the father stamper, the shape of the mother stamper inverse of the father stamper. Manufacturing the disc with the mother stamper.